

Amendments to the Abstract

Please **add** the following Abstract to this application.

-- Interlaced video upconverted to progressive video has improved diagonal enhancement. A plurality of averages and differences are determined (~~using 70~~) from different pixels near a given output pixel, including: a vertical average (~~y1V~~), first and second left diagonal averages (~~y1L1, y1L2~~), first and second right diagonal averages (~~y1R1, y1R2~~), a vertical difference (~~d1V~~), first and second left diagonal differences (~~d1L1, d1L2~~), and first and second right diagonal differences (~~d1R1, d1R2~~). A selection is made (~~using 90~~) among the averages based on an absolute value of a minimal difference among the differences. The selection is constrained (~~using 44~~) to select the vertical average (~~y1V~~) if the differences among the averages are ambiguous, that is, when a value for the given output pixel is not within a range of values defined by pixels vertically adjacent to the given output pixel or when a minimal difference among the respective differences is not unique.--